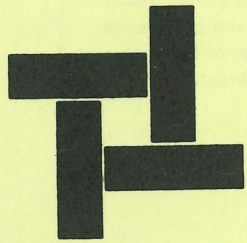


v.f. 676 Tacoma Population and Statistics

TACOMA (Population & Statistics)



FERN HILL BRANCH
756 South 84th Street

1975

Tacoma Area Statistics

Published By

Tacoma Area Chamber of Commerce

Foreword

In this informal booklet we have endeavored to compile pertinent statistical data concerning Tacoma and Pierce County which will prove useful to those who are interested in the economic, geographical and cultural resources and background as well as the growth and progress of the city and area. For additional copies, contact Tacoma Area Chamber of Commerce, Post Office Box 1933, Telephone: (A/C 206) 627-2175, Tacoma, Washington 98401. Offices located at 752 Broadway.

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Information compiled by the Tacoma Area Chamber of Commerce, March, 1975.

POPULATION GROWTH SINCE 1880

YEAR	TACOMA		PIERCE COUNTY		WASHINGTON	
	POPULATION	INCREASE %	POPULATION	INCREASE %	POPULATION	INCREASE %
1880	1,098				75,116	213.6
1890	36,006		50,940		357,232	375.6
1900	37,714	4.7	55,515	9.0	518,103	45.0
1910	83,743	122.0	120,812	117.6	1,141,990	120.4
1920	96,965	15.8	144,127	19.3	1,356,621	18.8
1930	106,817	10.2	163,842	13.7	1,563,396	15.2
1940	109,408	2.4	182,081	11.1	1,736,191	11.1
1950	143,673	30.7	275,876	51.5	2,378,963	37.0
1960	147,979	3.0	331,590	16.0	2,853,214	19.1
1970	154,581	4.5	412,344	24.4	3,413,217	19.6
1973	155,500	0.3	404,300	-1.9	3,424,300	0.4
1974	156,500	0.6	411,000	1.7	3,448,100	0.7

STATE AND COUNTY STATISTICS

	Pierce County	State of Washington
Land Area	1,676 sq. mi.	66,786
Water Area.	113 sq. mi.	
Population (Apr. 1974) . .	411,000	3,448,100
Civilian Labor Force. . .	149,700*	1,511,100*

*Annual Average for 1974

RADIO AND TV STATIONS

KMO	5,000 watts, 1360 KC-AM
KTAC	10,000 watts, 850 KC-AM
KTNT	1,000 KC-AM watts, 10,000 FM, Non-directional
KSTW-TV	Channel 11, 316,000 watts
KTOY	91.7 MC-FM Tacoma School District
KPEC	90.9 MC-FM Clover Park School District
KPEC-TV	Channel 56, Educational TV, Clover Park School District
KLAY-FM	50,000 watts combined (25H/25V) 106.1 MC
KTPS-TV	Channel 62, Education TV Tacoma School District
KUPY	1,000 watts day, 250 night 1450 KC-AM

NEWSPAPERS

Tacoma News Tribune - Evening Circulation - 97,849; Sunday Circulation - 100,120. Other publications include one daily business and commercial and eight weekly newspapers.

CITY OF TACOMA

Council-Manager Form of Government

Land Area	47.66 square miles
Water Area	11.39 square miles
Altitude	Sea Level to 440 feet

TACOMA AREA POPULATION CHARACTERISTICS

White	89.7%	Indian	.9%
Black	4.9%	Other	.4%
Spanish	2.5%	Male	52.3%
Asian	1.6%	Female	47.7%

The resident birth rate in Pierce County for 1974 was 15.6 and the resident death rate was 8.5 per 1,000 population.

CONSUMERS' PRICE INDEX

Bureau of Labor Statistics "Cost of Living"

Average Yearly	U.S. City Average		Seattle-Tacoma Average	
	1967 = 100 %		1967 = 100 %	
1968	104.2	4.2	104.1	4.1
1969	109.8	5.4	109.2	4.9
1970	116.3	5.9	114.0	4.4
1972	125.3	3.3	119.7	2.9
1973	133.1	6.1	127.4	6.4
1974	147.7	11.0	141.5	11.1

FIRE DEPARTMENT

Class Three rating, employs 336 personnel, maintains 21 pieces of active, fire-fighting equipment in 13 stations and one fireboat station. Reserve equipment: eleven pieces of reserve equipment are available. Also, marine and land auxiliary fire-fighting personnel are maintained. The department also staffs Rescue Units #1 and #2.

POLICE DEPARTMENT

The Tacoma Police Department employs 247 commissioned and 63 civilian personnel, about one employee for every 508 citizens. Assigned cars patrol 10 city districts and average 3.0 - minute response to emergency calls and less than 7 minutes on priority calls. In 1974, the department responded to 62,000 calls for service; made 3,724 felony arrests and 8,367 misdemeanor arrests; issued 36,050 traffic (moving) violations and 44,273 parking violations.

CLIMATE

Tacoma has one of the most equable climates in the world, having an average summer temperature of 66° and winter of 38°, with virtually no noticeable discomfort due to humidity. The direction of the prevailing winds: Southwest for eight months and from the north during the four months of summer. Highest temperature in 1974 was 91° and the lowest temperature for 1974 was 19°. The average rainfall is 33.69 inches.

EDUCATION

UNIVERSITY OF PUGET SOUND: Fully accredited, offering bachelor's and master's degrees in the arts and sciences. Professional training leading to a college degree is available in Music, Business Administration, Education, Home Economics, Law, Nursing, Medical Technology, Physical Education, Occupational Therapy, Geology, with Master's degrees also available in Art, English, Biology and Chemistry. Enrollment: October, 1974 - 3,197

PACIFIC LUTHERAN UNIVERSITY: Fully accredited. College of Arts and Sciences, School of Fine Arts, Business Administration, Education, Physical Education, Nursing, Graduate Studies Division. Degrees offered: Bachelor of Arts, Arts in Education, Business Administration, Fine Arts, Music, & Sciences. Masters of Business Administration, Arts in Education, & Natural Sciences. Enrollment: November, 1974, 2,510 (Full-time students)

TACOMA COMMUNITY COLLEGE: Fully accredited, offering two-year programs leading to the associate degree. Course offerings include university-parallel courses, general studies, occupational and a variety of community service courses. Enrollment: Fall, 1974 - 5,674

FORT STEILACOOM COMMUNITY COLLEGE: Fully accredited, offering two-year programs leading to associate in liberal arts or associate in technical arts degrees, and other courses, including occupational, for degrees. Enrollment: September, 1974 - 8,772 (District)

OTHER SCHOOLS:

In the Tacoma area there are 13 parochial schools, a private girls' and a private boys' school in addition to business schools and professional training centers.

TACOMA PUBLIC SCHOOLS

Tacoma Public Schools include the L. H. Bates Vocational-Technical Institute of Tacoma, five high schools, ten junior high schools and forty-one elementary schools. All schools have programs for handicapped students with varying degrees of specialized personnel and facilities. The district employs 2,162 certified personnel and 1,219 other employees. The district is noted for its emphasis on reasonable pupil-teacher ratios. The district operates an extended evening program at Bates Vocational-Technical Institute and evening classes in several of its schools. Summer classes are available to those interested.

<u>Public School Enrollment Including Vocational School</u>				
1940 . . . 18,683	1950 . . . 22,986	1960 . . . 33,749	1970 . . . 39,419	
1945 . . . 21,570	1955 . . . 28,382	1965 . . . 35,831	1974 . . . 35,836	

HISTORICAL AND ART MUSEUMS

Operated by the Washington State Historical Society the largest historical museum in the west with a library of Pacific Northwest history including books, maps, manuscripts and photographs. Displays include photographic murals relating to state history; pioneer, Indian, Alaskan and Oriental exhibits. Open Tue.- Sat., 9:00 am to 4:30 pm; No admission charge.

Tacoma Art Museum, 12th & Pacific Ave., offers frequent exhibits of national and international caliber and has a Permanent Collection of works by Wm. Glackens and Andrew Wyeth among others. Also a unique children's gallery, art research library, Design Research Center, art rental program and outstanding lectures. Free admission 10:00 am to 4:00 pm Mon. - Sat., noon to 5:00 pm Sun.

LIBRARIES

Tacoma Public Library system includes a main library and 6 branches having over 550,000 cataloged volumes, 250,000 photographs, one million manuscripts, government documents and a periodical collection. The Business, Science and Technology Department serves industry and business directly with extensive collections of materials. Pierce County Public Library has 17 community branches, 4 institution branches, and 1 bookmobile. Its collection totals 250,530 books plus many non-print items such as films, records, and cassette tapes. Other libraries include 4 university and college, 2 armed forces, 2 medical, 2 law, 1 historical and 1 genealogical library.

PARKS AND RECREATION

The Metropolitan Park District of Tacoma operates 45 parks and playgrounds, comprising a total of 1,568 acres. Largest and most beautiful is Point Defiance Park with 637 acres, most of which is in its natural evergreen state abounding with hiking trails. Within this park is one of the most outstanding municipally owned boat houses in the United States. Boats, motors, bait and fishing tackle are sold and rented for fishermen after the wily salmon. A deep sea aquarium located near the zoo is filled with Pacific Northwest specimens. An animal building and a Children's Farm Zoo delight the children. Many horticultural gardens, a supervised bathing beach and picnic grounds all are a part of the park. Also nearby are the unique Never Never Land, the Western Washington Forest Products Museum and historical Fort Nisqually which relives pioneer days. Wright Park has 300 different species of trees and a tropical arboretum. The Park and School Districts jointly finance a year-round playground and recreation program for all age groups in the city. - NORTHWEST TREK, a native wildlife experience near Eatonville, will be open to the public in the summer of 1975.

BASEBALL

A modern baseball park at 2525 Bantz Boulevard is the home of the Tacoma Twins, Pacific Coast League, AAA.

BONDED INDEBTEDNESS

<u>Year</u>	<u>City (General Obligation Bonds)</u>	<u>Light Division</u>	<u>Water Division</u>	<u>Sewer Revenue</u>
1940	\$ 1,769,000	\$ 3,236,000	\$3,924,995	
1950	4,786,000	25,837,000	4,521,000	
1955	4,963,000	24,940,000	7,679,000	
1960	12,668,500	60,145,000	6,338,000	\$2,950,000
1965	14,406,000	152,830,000	4,150,000	6,365,000
1970	13,555,000	194,155,000	2,075,000	7,080,000
1973	10,481,000	209,035,000	1,100,000	8,030,000
1974	9,474,000	205,530,000	900,000	7,835,000

<u>Year</u>	<u>Pierce County*</u>	<u>Port District General Obligation Bonds</u>	<u>Port Dist. Revenue Bonds</u>	<u>School Dist. No. 10</u>
1940	\$ 728,000	\$ 2,155,000		\$ 990,000
1945	17,000	1,609,000		270,000
1950	1,500,000	745,000		3,842,000
1955	7,214,000	30,000		11,110,000
1960	19,354,420	4,500,000		16,178,000
1965	21,985,500	5,680,000		14,997,000
1970	8,388,000	6,800,000	\$ 9,295,000	25,834,000
1973	5,845,000	5,930,000	73,135,000	36,712,000
1974	4,975,000	12,115,000	67,565,000	23,169,000

* Pierce County only - school districts not included.

BUILDING INFORMATION

<u>Building Permits</u>	<u>City</u>	
	<u>Number</u>	<u>Valuation</u>
1940	1933	\$ 3,621,698
1945	2609	6,406,546
1950	3641	26,926,001
1955	2846	15,524,609
1960	2682	24,435,121
1965	2594	28,808,975
1970	2716	36,483,555
1973	3151	72,763,816
1974	2919	50,019,199
	<u>Pierce County</u>	
1950	1596	12,040,650
1955	2024	20,264,482
1960	2253	23,409,975
1965	2577	30,676,050
1970	1581	29,451,573
1973	1708	47,579,977
1974	3456	73,058,114

HOSPITALS

	<u>Beds</u>
Doctor's Hospital	70
Puget Sound General Hospital	143
Tacoma General Hospital	261
St. Joseph's Hospital	260
U. S. Veteran's Hospital	679
Allenmore Hospital	50
Mary Bridge Children's Health Center	68
Lakewood General Hospital	114
Lakewood Convalescent Hospital	130
Madigan Army Medical Center	1000
Good Samaritan Hospital	174
Western State Hospital	1103

NEW DWELLING UNITS

<u>City</u>	<u>Pierce County</u>	
	<u>1970</u>	<u>2103</u>
1971	1,032	3601
1972	787	2253
1973	664	2403
1974	939	2622
1974	776	

REAL ESTATE VALUES

Land Values

1. Maximum square-foot values in principal business district (exclusive of corners): \$10.00 - \$15.00
2. Maximum square-foot values in outlying business districts (exclusive of corners): \$3.00 - \$5.00
3. Square-foot values in best residential districts: \$1.00 - \$1.50
4. Square-foot values in low-value residential districts: \$.25 - \$.40
5. Square-foot values in ordinary residential districts: \$.50 - \$.60
6. Square-foot values in best industrial district: \$1.00 - \$2.00

Rentals

1. Rental per square-foot of downtown stores (ground floor only): \$2.00 - \$4.00 plus percentage.
2. Annual rental per square-foot of best upper floor offices: \$5.00 - \$8.00
3. Shopping Centers: Open malls - \$3.00 - \$5.00 per square-foot plus percentage. Enclosed malls - \$4.00 - \$8.00 per square-foot plus percentage.

Home ownership in Tacoma during 1974 was 60%.

4.

PIERCE COUNTY AUTOMOBILE REGISTRATIONS

Year	Passenger Cars	Trucks	Trailers
1950	76,321	12,201	3,273
1960	115,826	18,833	14,823
1970	133,876	40,974	32,444
1973	185,295	50,427	20,518
1974	191,606	53,037	22,210

FINANCIAL STATISTICS

Year	Bank Transactions*	Bank Deposits*	Savings**	Postal Receipts
1940	\$ 1,024,915,000	\$ 61,034,526	\$ 22,049,765	\$ 736,613
1950	3,455,089,000	225,846,709	80,587,110	1,911,241
1960	7,820,616,000	339,504,022	338,565,000	3,317,671
1970	15,774,689,000	618,938,078	715,508,000	6,826,587
1973	14,708,110,000	843,523,437	860,000,000	8,333,106
1974	16,427,404,000	997,200,754	882,810,000	9,887,667

* As reported by the Tacoma Clearing House. ** As reported by the Washington Savings League.

TACOMA RETAIL SALES

1974 - Total Retail Sales...\$753,891,333
(City Business & Occupational Tax Reports)

PIERCE COUNTY RETAIL SALES

1971.....\$ 980,977,244
1972..... 1,073,226,572
1973..... 1,208,194,848
1974..... 1,388,131,798
(As reported by State Department of Revenue)

ASSESSED VALUATION

(Real and Personal Property) Tacoma

1940. \$ 49,208,796
1945. 61,524,530
1950. 87,253,150
1955. 130,544,036
1960. 156,676,865
1965. 188,140,413
1973. 729,582,132
1974. 768,918,023

TAXES

City Business and Occupational Tax

Rates on gross income are .0011% for manufacturing, .0015% for retailing, .001% for wholesaling, .005% for service and other activities.

Retail Sales Tax

The State of Washington has a retail sales or use tax of 4.5% and the City and County a half-cent combined sales tax. This applies to the retail or final sale. The state has no income tax.

State Business and Occupational Tax

There is a state B. & O. tax of 44/100 of 1% on the value of all products manufactured or processed in the State of Washington.

Property Tax

The 1975 tax rates in the City of Tacoma are shown below. For more detailed property tax information, contact the Pierce County Assessor.

Dollars Per Thousand Assessed Valuation

A. State Tax		\$4.2762
B. County Tax	\$ 1.800	
Bond Interest & Redemption	.1561	1.9561
C. City Tax		
General Fund	3.3750	
Fireman's Relief & Pension	.2250	
General Bond Interest and Redemption	.9039	4.5039
D. School Tax (District #10)		
General Fund	-0-	
Bond Interest & Redemption	2.2896	
Maintenance and Operation	11.3716	
Refund Levy	.0542	13.7154
E. Port of Tacoma		
General Fund	.4500	
Bond Interest & Redemption	.0850	.5350
F. Metropolitan Park		.1416
TOTAL		\$25.1282

TACOMA CITY LIGHT

THE SYSTEM

Metropolitan Tacoma is favored with low electric rates and an outstanding record of continuous service by their municipally owned electric utility. This utility, now having a non-depreciated plant value of approximately \$332 million and total assets in excess of \$386 million, was acquired by the City in the spring of 1893.

The City owns and operates six hydroelectric plants totalling in installed capacity 659,700 kilowatts. Two steam plants, with a total installed capacity of 59,000 KW, are maintained in cold standby readiness for emergencies. Tacoma has also purchased 8% ownership interest in the 1,400,000 KW Centralia Steam-Electric Plant.

Tacoma, through ties with the Bonneville Power Administration system, benefits as a member of the Columbia River and great Northwest operating complex.

CONTRACT POWER RATES

CONTRACT POWER - Major industrial power users upon the execution of a written contract have at their disposal an attractive prime power schedule with the additional privilege of an interruptible use feature.

High load factor plants which will qualify with a minimum contract demand of 8,000 kilowatts will find this to be a very attractive rate. Use under this schedule during the year 1974 has resulted in an average rate of 4.16 mills per kilowatt-hour.

RESIDENTIAL SERVICE

One and three hundredths cents (1.03¢) per kilowatt-hour, the average cost to the housewife during 1974 for electricity used in her home, tells the story in Tacoma. Nearly 78 thousand customers have used for their home comfort and convenience an average over twice the amount of electricity consumed by the average home nationally. The cost per kilowatt-hour was less than half that paid by the nation's average user. The monthly rate, as of January 5, 1975, for single residences and for individually-metered apartments follows:

First 500 kilowatt-hours....\$0.0136 per kwh
 Over 500 kilowatt-hours.....\$0.0095 per kwh
 Customer charge.....\$1.25 per month

GROSS POWER REQUIREMENTS - LOAD GROWTH

Year	Kilowatt Hours
1945	863,257,000
1950	1,316,786,000
1955	2,052,515,000
1960	2,429,068,239
1965	3,158,600,000
1970	4,093,463,000
1972	4,428,697,000
1973	4,317,686,000
1974	4,355,160,000

GENERAL POWER RATES

Pioneering with ample power and low rates this Tacoma Utility has attracted many fine commercial business and manufacturing enterprises having diversified interests. Power rates, held to a minimum as they have been throughout the history of Tacoma City Light, stimulate community growth and perpetuate the development of additional self-owned generating facilities to further benefit the user. Quoted below is the rate schedule which is available, as of January 1975, for industrial general power and to a limited extent commercial* business application.

For kilowatt hours used each month up to 80 times the billing demand measured in kilowatts, the charge shall be made in accordance with Part I, the remaining in accordance with Part II.

Part I - First 5,000 kwh....\$0.031 per kwh
 Over 5,000 kwh.....\$0.015 per kwh
 Part II - First 20,000 kwh..\$.0078 per kwh
 Over 20,000 kwh...\$.0047 per kwh
 Minimum charge: \$1.25 per kilowatt of billing demand.

*Additional low rates for commercial businesses, churches, schools, apartments, etc. are available.

PLANT DATA

Hydroelectric Plant	Completion Date	Nameplate Rating in Kilowatts
LaGrande	1912 & 1945	64,000
Cushman No. 1	1926	43,200
Cushman No. 2	1930	81,000
Alder	1945	50,000
Mayfield	1963	121,500
Mossyrock	1968	300,000
Total Hydroelectric		659,700

STEAM ELECTRIC

Centralia		
Unit No. 1	1971	56,000*
Unit No. 2	1972	56,000*
*Tacoma Portion		

STEAM ELECTRIC (for standby use)

Steam No. 1	1922	9,000
Steam No. 2	1931 & 1954	50,000
Total Steam		59,000

6.

UTILITIES CONNECTIONS

YEAR	WATER SERVICES	TELEPHONES	ELECTRIC	GAS USERS
1945	37,641	45,116	45,412	9,167
1950	42,648	71,346	53,507	9,479
1955	45,258	87,924	59,250	9,300
1960	46,394	112,740	67,503	16,567
1965	49,216	142,597	71,870	30,798
1970	54,199	189,353	85,462	46,324
1974	56,282	257,724	92,052	54,094

TACOMA CITY WATER

The primary source of Tacoma's water is a supply of 72,000,000 gallons daily from the Green River. An auxiliary supply of 62,000,000 gallons is available from a wells system consisting of thirteen wells in the South Tacoma area; two along the gravity system and one well in the Industrial Development District. The total combined capacity of the Green River and wells supply is 134,000,000 gallons per day available for emergency conditions.

The average consumption per day during 1974 was 78,760,000 gallons.

There are 738 miles of mains in the system, ranging in size from 1 inch to 85 inches in diameter; of this total, there are 72.8 miles of supply conduit in the Gravity and Wells systems. Storage facilities are provided by eleven separate concrete reservoirs and steel standpipes with a combined storage capacity of approximately 317,025,000 gallons. Water pressure in mains ranges from 35 to 175 pounds per square inch.

The charge for water is made up of a minimum charge, together with a rate for water used in excess of the amount included in the minimum charge. The minimum charge reflects a ready-to-serve charge, plus a charge for a given amount of water.

Where service conditions are considered extraordinary, the City Water may, with City Council approval, enter into contracts for periods up to ten years.

The commercial and domestic water meter rates are as follows:

The rates for water consumed shall be as follows:

Size of Meter	Minimum Bill Per Month	Water Included In Minimum Bill (Cubic Ft.)	Range in Cubic Feet	Rate Per 100 Cu. Ft.
			0 to 100,000	\$0.135
			10,001 to 100,000	0.11
5/8"	\$ 2.50	300	100,001 to 1,000,000	0.08
3/4"	3.55	400	1,000,001 to 3,000,000	0.07
1"	6.00	700	Over 3,000,000 Cubic Feet	0.06
1 1/2"	12.00	1,400		
2"	18.00	2,100		
3"	37.00	4,400		
4"	60.00	7,200		
6"	135.00	16,000		
8"	215.00	26,000		
10"	290.00	35,000		
12"	390.00	48,000		

CENTRAL STEAM PLANT

The Consumers Central Heating Company serves the central core business area with live steam for space heating, cooking, water heating and many industrial uses.

FIRE PROTECTION RATES

Rates for fire service on separate meter shall be as follows:

Size of Meter	Monthly Charge	Size of Meter	Monthly Charge
2"	\$ 2.00	8"	\$ 7.50
3"	2.50	10"	10.00
4"	3.00	12"	12.00
6"	5.00		

No charge is made for water used through a fire service in extinguishing fires of incendiary or accidental origin.

WASHINGTON NATURAL GAS

The Washington Natural Gas Company serves natural gas to consumers in the Tacoma area through its Puget Sound area facilities extending from Marysville and Granite Falls on the north, Gold Bar and North Bend to the east to and including Toledo and Winlock on the south. Currently most of the gas used in Western Washington comes from the Peace River fields of northern British Columbia and Alberta and about 1/3 of our supply comes from the San Juan Basin of New Mexico and Colorado. Gas rates are competitive with other fuels throughout the system.

Entrance to Tacoma from the Pacific Ocean is through the Strait of Juan de Fuca, Admiralty Inlet, and Puget Sound, all wide passages with deep water and without obstructions, permitting free movement of vessels to and from the ocean.

The harbor, Commencement Bay, is 4½ miles wide at its entrance between Browns Point and Point Defiance. It has an average width of nearly two miles and a length from Browns Point to the head of the harbor of approximately two and one-half miles. There is no bar or other obstruction at the entrance, and the harbor has an average depth of 25 to 30 fathoms. The head of the bay has been improved by dredging several waterways and filling adjacent low lands.

MARINE TERMINAL FACILITIES

PRIVATE FACILITIES

U.S. OIL & REFINING CO. Marine dock, 40-ft. water depth. Crude oil capacity; 12,500 barrels daily. Storage capacity; 1,550,000 barrels.

UNITED GRAIN COMPANY. Grain elevator and dock at Port of Tacoma. Present capacity; 4,550,000 bushels.

SOUND REFINING. 32-ft. water depth. Plant has 4,500 barrel daily capacity producing largely asphalt. Storage capacity 140,000 barrels.

PACIFIC MOLASSES CO. One berth and storage.

PUGET SOUND FREIGHT LINES. Three berths, transit shed, 175,000 sq. ft. Open storage.

GENERAL METALS. One berth for handling scrap.

DOMTAR CHEMICALS, INC. One berth for lime rock.

FORE TERMINALS, INC. 12,000 ton liquid handling facility. Serviced by both tank car and tank truck. Capability of ship loading by pipeline to three adjacent piers.

Other Industrial Facilities: Other industrial plants have deep water facilities for transfer of cargo to trucks, as well as all necessary cargo handling equipment. Available also are two 100 ton and one 35 ton floating cranes.

PORT OF TACOMA

Twenty-seven deepwater berths. Dockside cranes: 12; Water Depths: 30 to 70 ft. below M.L.L.W.; Warehouse Space: 1,372,600 sq.ft. of warehouse devoted to cargo operation, 83 acres of hard stand open storage adjacent to piers. Wheat: 4,500,000 bushel storage with 900 tons loading capacity per hour at 700 ft. dock and 50 ft. water depth. Cold Storage: 2,000,000 cubic ft. capacity at dockside; cooler space for 50 carloads fresh produce at shipper's designated temperature.

PORT OF TACOMA (contd.)

CONTAINER TERMINAL. New, ultra-modern container and general cargo facility; 1250 ft. concrete pier with two ship berths and 50 ft. water depth; dual rail tracks on pier for direct ship-to-rail handling; 2 new 45 ton high-speed container cranes. 150,000 sq. ft. clear-span warehouse; 17 acres hard-surface open storage. Adjacent 100,000 sq. ft. clear-span container freight station at Pier 7.

BULK HANDLING FACILITY. Pier 7-2,700 ft. long, 35 to 55 ft. water depth below M.L.L.W. Three heavy-lift whirleys, two bulk capacity cranes, capacity of 750 tons per hour/25 container. Blair Waterway Terminal, 2 heavy-lift whirleys, 1200 ft. concrete pier. Pierce County Terminal Complex: 800 ft. concrete pier with one berth and 45 ft. water depth; one heavy-lift whirley crane.

INDUSTRIAL YARD. 160 acres. 1,280,000 sq. ft. of floor space devoted to industry and terminal storage.

PORT OF TACOMA FISHING BOAT HAVEN. Capacity 135 vessels, 32 net lockers, water and light facilities, paved parking and work area.

GRAIN EXPORT FACILITY. New, modern facility handles all bulk agricultural commodities, 3,000,000 bushel storage capacity; 240 ft. high, 60 ft. water depth. Unloading capabilities; 2,000 short tons per hour from rail car, 80,000 bushels per hour (2,400 short tons per hour) aboard ship. Completion date May 1975. Leased to Continental Grain.

FOREIGN WATERBORNE COMMERCE

Year	<u>EXPORTS</u>		<u>IMPORTS</u>	
	Tonnage	Value	Tonnage	Value
	Short Tons		Short Tons	
1970	2,826,983	\$230,764,717	2,217,961	\$182,034,123
1972	3,513,371	287,542,304	2,038,738	340,858,561
1973	4,125,448	366,741,715	2,586,105	446,902,052

INDUSTRIAL INFORMATION

Tacoma's economic base is founded on a wide variety of diversified manufacturing. Some of the most prominent are listed below.

METALLURGICAL - FERROUS & NON FERROUS

ALUMINUM. A reduction plant with 81,000 tons aluminum ingot annual capacity and a rod mill are located in Tacoma.

CASTINGS. Tacoma has large efficient laboratory controlled foundries for producing specification gray iron, steel and bronze castings.

COPPER. The Tacoma Smelter is the largest combined copper smelter and refinery in the United States, refining about 1/10 of the nation's copper. Arsenic, nickel sulfate, sodium selenite, gold, silver, sulfuric acid and liquid sulphur dioxide are by-products recovered. Has a 150-ton per day sulfuric acid plant.

MINERAL WOOL. The only mineral wool insulation producer in the Pacific Northwest is located in Tacoma. This plant produces insulation in several forms for domestic and industrial uses, including acoustical.

FOREST PRODUCTS

FELTING. Eighty percent of the requirements of the Northwest for cotton and sisal pads for upholstery are produced by Tacoma industry.

FURNITURE. With twelve factories, Tacoma is recognized as an important furniture center of the United States, having about 1,100 persons employed. A well-diversified line of furniture including upholstered items, chrome sets, school and institutional furniture is produced.

PULP, PAPER AND BAGS. Tacoma is outstanding in the production of pulp and paper. Approximately 375,000 tons of pulp are produced annually with "Tacoma Bleached" recognized among the highest chemical grade sulfate on the market. The paper mill produces over 270,000 tons per year for numerous end uses, such as multiwall bags, milk containers, paperboard, butcher paper, etc. The bag plant has a capacity of about 300,000 bags per day. Another mill produces 130,000 tons of newsprint annually. Chipboard and fiberboard for paper shipping cartons also are produced in the metropolitan area.

LUMBER & MILLWORK. A large international lumber firm has its headquarters in the Tacoma area where all types of lumber productions are represented. Among these are sawmills, planning mills, studmills, wall panels, roof trusses and modular structures. A substantial portion of Tacoma's production is devoted to exceptional quality millwork.

PLYWOOD. Tacoma, a major plywood center with five plants, is headquarters for the American Plywood Association. The basic purpose of the Plywood Research Foundation, a subsidiary of the American Plywood Association, is to encourage and assist in the development of efficient plywood production methods. The American Plywood Association Research Center continuously tests plywood for uniformity and quality.

DOORS. Approximately 30% of the Douglas fir doors produced nationally are manufactured in Tacoma.

FOOD

BEVERAGES. Several soft drink bottlers as well as an international brewery are located in the city.

CANDY. Tacoma, with four firms producing candy, is outstanding as a confectionary center. Its products are shipped both nationally and internationally.

FEED MILLING. Production is approximately 1,100 tons per day.

MEAT PACKING. Several meat packers, including one of the largest in the West, are located in Tacoma.

BAKERS. Two firms produce bakery goods for national and international distribution. There are also several regional producers.

Also located in Tacoma is the Pacific Northwest's largest processor of salad dressing, pickles, potato chips and other food items.

CHEMICAL INDUSTRY

Tacoma is a major chemical center. Produced, in addition to electrochemical products, are sodium silicate, trichlorethylene, plastics, ammonia, ammonium nitrate, hydrochloric and sulfuric acid, explosives, paints, phosphate and ammoniated fertilizers, bleaches, laundry soap, glycerine, nickel sulphate, arsenic, sodium arsenate, aluminum sulphate, pentachlorophenol, adhesives, formaldehyde, calcinated lime, liquid sulphur dioxide and others.

PETRO-CHEMICAL INDUSTRY

Two refineries producing gasoline, stove and diesel, jet fuel and asphalt are located in the industrial area. Tacoma is one of the largest marshalling areas for the Alaskan-North Slope. Modules to be placed in the oil fields as well as along the Alaska pipeline are fabricated at specially built facilities in the Port of Tacoma.

ELECTROCHEMICAL INDUSTRY

Recognized as the center of this industry for the Pacific Northwest, Tacoma's electrochemical plants have reached the highest stage of scientific operation of any in the United States.

CAUSTIC AND CHLORINE are produced by two plants.

WAREHOUSE DISTRIBUTION FACILITIES

Tacoma has 10 public warehouses and pool-car distributors, each operating one or more warehouses and attendant distributing facilities for manufacturers and sales organizations. Facilities are available for the storage of all types of goods from perishables to heavy machinery. Tacoma's distributing territory embraces all of Washington and Alaska and parts of Oregon, Idaho, Montana and British Columbia.

RAILROAD SHOP

Tacoma is a major repair and service location for the Chicago, Milwaukee, St. Paul and Pacific Railroad.

BOAT BUILDING

Tacoma, one of the largest commercial and pleasure boat building centers of the Pacific Coast, has 14 boat building yards producing fishing boats, military craft, pleasure cruisers, and other small boats. New designs, techniques and innovations are a part of this industry in Tacoma. Examples are aluminum hulls, fiberglass hulls and superstructures, air cushion boats, turbine powered boats, and advanced design sailing hulls. Tacoma-built commercial fishing boats can be seen operating around the world.

INDUSTRIAL-VOCATIONAL TRAINING

L. H. Bates Vocational-Technical Institute, part of the Tacoma Public School System, occupies 3 modern well-equipped buildings with space so arranged that facilities may be quickly modified to conduct training programs, geared to industrial, commercial and business needs. Training activities are planned by labor and management representatives working together to train skilled personnel. Serving the entire region this institute has over fifty different day preparatory classes and several hundred different evening and off-hour classes. Training is geared to either prepare an individual for employment (day preparatory) or update his or her knowledge and skills in the field in which they are currently employed. The institute is prepared to further expand its program whenever additional training needs become known.

CLOTHING

9.

Ski-wear, coats and sportswear are produced at modern Tacoma plants. The largest apparel plant west of Chicago is located in Tacoma.

MACHINE PRODUCTION

The solid reputation of Tacoma built machinery is recognized throughout the world. Machine manufacturing is outstanding due to the ingenuity and precision of Tacoma's industry. Tacoma produced machines for the forest products and construction industry are in great demand and are shipped to all parts of the world.

INDUSTRIAL SITES

The Port of Tacoma has available 1000 plus acres of prime, level marine-oriented industrial sites. This is an engineered industrial complex supplied with all services required by industry. Strategic advantage in transportation is afforded by two interchanges onto the Freeway and the Belt Line rail service providing free switch on all line hauls for the three major railroads servicing the area. There are four miles of waterfront available for water-oriented industry.

Good frontage sites on readily-accessible roads and rail system also are available. More than 100 industries have located in this industrial complex providing a great variety of materials, products and services.

For heavy industry, the Port has a zoned area of 485 acres located in Frederickson. This is due south from the Port of Tacoma, a distance of 13 miles. The property is serviced by good highway, rail, natural gas transmission line, petroleum transmission line, Bonneville and Tacoma power lines. The property is level with good foundation characteristics.

The Tacoma area has 7,800 acres of land zoned for various industrial uses; forty percent of which is vacant. Zoning varies from Research Park to Heavy Industrial classifications. Seventy-five percent of industrial land is located in five areas.

The following types of sites are available: zoned, industrial districts, rail, deep water frontage and freeway. Most sites have level terrain and all utilities are available. Subsoil is gravel or hydraulic fill and sandy loam, depending on the area. Piling is usually not required.

HEATING AND FUEL OILS

Oils for domestic, commercial and industrial uses available through 72 dealers and distributors and nine major oil company suppliers. Area is supplied by tankers, rail cars, truck transports and pipeline with major oil companies maintaining waterfront storage facilities.

FERN HILL BRANCH

756 ^{9111 Street} TACOMA METROPOLITAN AREA INDUSTRIES - 1974

(Washington State Employment Security Dept. covered employment figures for calendar year 1974)

Total number of establishments	7,316
Manufacturing establishments	522
Total Employment	136,400
Manufacturing Employment	20,500
Manufacturing Payroll Wages	\$228,000,000*

1940 ...	41,376,043	1965 ...	335,845,960	*Fourth quarter
1945 ...	134,436,745	1970 ...	518,771,180	wages estimated
1950 ...	123,815,596	1972 ...	724,891,322	
1955 ...	157,920,441	1973 ...	800,622,778	
1960 ...	201,928,265	1974 ...	832,000,000*	

ARMED FORCES INSTALLATIONS

McCHORD AIR FORCE BASE: Consists of approximately 5,000 acres, Headquarters of 62nd Military Airlift Wing, the host unit, and Northwest terminus of Military Airlift Command; two major tenant units, the 25th Air Division and the 25th NORAD Division. Total military population of about 5,100.

FORT LEWIS: Acreage of reservation 86,000, one of the largest and most complex permanent Army posts in the United States, has a total military population of about 22,018. The installation houses the 9th Infantry Division and numerous Strategic Reserve units.

MADIGAN ARMY MEDICAL CENTER: Located between McChord Air Force Base and Fort Lewis, with a bed capacity of 1,000. Serves the active and retired military and dependents in the Pacific Northwest and Alaska.

CAMP MURRAY: Washington National Guard Headquarters, 234 acres.

MILITARY PAYROLL, PURCHASES AND PROCUREMENT were \$439,423,611 in 1974.

TACOMA NARROWS BRIDGE

The Tacoma Narrows Bridge, an \$18,000,000 structure, was opened to traffic on October 14, 1950. One of the longest suspension bridges in the United States, it has towers 507 feet above water with a center span of 2,800 feet. Side spans are 1,100 feet and over-all length is 5,979 feet to the anchorage. The structure is a direct connecting link between Tacoma and the Olympic Peninsula and there is no toll charge.

NATIONAL PARKS

MT. RAINIER NATIONAL PARK. Established March 2, 1889. Contains 377.78 square miles. Mt. Rainier, 14,410 feet, is the highest perpetually snow-clad peak in the United States, except Alaska, and has 26 glaciers emanating from it. In 1974 there were 1,495,514 visitors entering Mt. Rainier National Park. Tacoma is the nearest large city to all five entrances.

OLYMPIC NATIONAL PARK. Originally established March 2, 1909 as Mount Olympus National Monument. Approved by Congress as a national park on June 29, 1938. Contains 900,000 acres. Known as "America's last frontier," it is conveniently accessible from Tacoma via the Narrows Bridge.

TRANSPORTATION

Tacoma is served by all major modes of transportation. AIRPORTS: Seattle-Tacoma International Airport, half-way between Tacoma and Seattle, is one of the largest and most modern in the United States. The airport now serves approximately 300 flights per day and can accommodate 20 million passengers per year. Tacoma Industrial Airport, having a 5,000 foot runway, affords excellent service. FREIGHT FORWARDER SERVICE: All freight forwarders which have service to the Pacific Northwest serve Tacoma and several maintain terminals here. HIGHWAYS: Tacoma is located on Interstate 5 and State Highways 7, 16 and 18. MOTOR BUS SERVICE: Passenger bus companies furnish service to all local points and by through connecting lines to most points on the North American continent. MOTOR FREIGHT SERVICE: This service is furnished by more than 50 regular route carriers. Freight may be shipped to virtually any point in the United States and Canada on through bills of lading. There are also sufficient specialized and irregular route operators to handle all possible requirements. RAIL TRANSPORTATION: Rail service, with adequate terminal facilities and branch lines to major sources of raw materials, is furnished by three transcontinental railroads; Chicago, Milwaukee, St. Paul & Pacific Railway, Burlington Northern Railway and Union Pacific Railway. Tacoma also has a city-owned and independently operated belt line railway which furnishes service by all railroads to its principal industrial district without switching charges on line haul traffic. STEAMSHIP LINES: Steamship lines furnish foreign, coastal, intercoastal and insular service to Tacoma. Several boat lines provide service to points on Puget Sound. TUG & BARGE SERVICE: Six tug and towboat companies provide barge and towing services between Tacoma and all world ports, as well as locally on Puget Sound.